| V | lumber: <u>08/908,867</u> /   | CRF Processing (SATER 16007249/2) Edited by: Verified by: (STIC: |
|---|---|--|
|   | Changed a file from non-ASCII to ASCII  |  |
|   | Changed the margins in cases where the sequence text was "wrappe  | ed" down to the next line.                                       |
|   | Edited a format error in the Current Application Data section, specific   | ally:  |
|   | Edited the Current Application Data section with the actual current nu applicant was the prior application data; or other             | ımber Ene Turkberin Puke Eyüre                                   |
|   | Added the mandatory heading and subheadings for "Current Applicat   | tion Data".  |
|   | Edited the "Number of Sequences" field. The applicant spelled out a   | number instead of using an integer.                              |
|   | Changed the spelling of a mandatory field (the headings or subheadings)   | ngs), specifically:  |
|   | Corrected the SEQ ID NO when obviously incorrect. The sequence n  | numbers that were edited were:                                   |
|   | Inserted or corrected a nucleic number at the end of a nucleic line.  | SEQ ID NO's edited:  |
|   | Corrected subheading placement. All responses must be on the same applicant placed a response below the subheading, this was moved to | •  |
|   | Inserted colons after headings/subheadings. Headings edited include   | ed:  |
|   | Deleted extra, invalid, headings used by an applicant, specifically:  |  |
|   | Deleted: ☐ non-ASCII "garbage" at the beginning/end of files; ☐ page numbers throughout text; ☐ other invalid text, such as           |  |
|   | Inserted mandatory headings, specifically:  |  |
|   | Corrected an obvious error in the response, specifically:   |  |
|   | Edited identifiers where upper case is used but lower case is required  |  |
|   | Corrected an error in the Number of Sequences field, specifically:  |  |
| - | A "Hard Page Break" code was inserted by the applicant. All occurre   | ences had to be deleted.   |
|   | Deleted <i>ending</i> stop codon in amino acid sequences and adjusted the due to a Patentin bug). Sequences corrected:                |  |
|   | Other: Seg ?- more (i) Mock. Typk: Lea  | des about (ix) FEATURE   |

\*Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.

3/1/95

#### RAW SEQUENCE LISTING PATENT APPLICATION US/08/908,867A

DATE: 05/01/1999 TIME: 08:56:56

INPUT SET: S31691.raw

This Raw Listing contains the General Information Section and up to the first 5 pages.

```
Torrectors Ator Controlly Needed
                                        SEQUENCE LISTING
 2
            General Information:
 3
     (1)
 5
         (i) APPLICANT: YOUNG, Andrew A.
 6
                         GEDULIN, Bronislava
                         BEELEY, Nigel Robert Arnold
 7
                         PRICKETT, Kathryn S.
 8
 9
         (ii) TITLE OF INVENTION: METHODS FOR REGULATING
10
11
                                   GASTROINTESTINAL MOTILITY
12
13
         (iii) NUMBER OF SEQUENCES: 37
14
         (iv) CORRESPONDENCE ADDRESS:
15
               (A) ADDRESSEE: LYON & LYON
16
               (B) STREET: 633 WEST FIFTH STREET
17
18
               (C) CITY: LOS ANGELES
19
               (D) STATE: CALIFORNIA
20
               (E) COUNTRY: USA
21
               (F) ZIP: 90017
22
          (v) COMPUTER READABLE FORM:
23
               (A) MEDIUM TYPE: Floppy disk
24
               (B) COMPUTER: IBM PC compatible
25
               (C) OPERATING SYSTEM: PC-DOS/MS-DOS
26
               (D) SOFTWARE: PatentIn Release #1.0, Version #1.25
27
28
29
         (vi) CURRENT APPLICATION DATA:
               (A) APPLICATION NUMBER:
                                          08/908,867
30
31
               (B) FILING DATE: 08-AUGUST-1997
-32
               (C) CLASSIFICATION: Pending
33
        (vii) PRIOR APPLICATION DATA:
34
               (A) APPLICATION NUMBER:
35
                                          08/694,954
               (B) FILING DATE: 08-AUGUST-1996
36
               (C) CLASSIFICATION: Pending
37
38
       (viii) ATTORNEY/AGENT INFORMATION:
39
               (A) NAME: DUFT, BRADFORD J.
40
41
               (B) REGISTRATION NUMBER: 32,219
               (C) REFERENCE/DOCKET NUMBER: 227/166
42
43
44
         (ix) TELECOMMUNICATION INFORMATION:
               (A) TELEPHONE: 619/552-2200
45
               (B) TELEFAX: 213/955-0440
46
```

### RAW SEQUENCE LISTING PATENT APPLICATION US/08/908,867A

DATE: 05/01/1999 TIME: 08:56:56

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47
48
49
     (2) INFORMATION FOR SEQ ID NO:1:
50
51
          (i) SEQUENCE CHARACTERISTICS:
52
               (A) LENGTH: 39 amino acids
53
               (B) TYPE: amino acid
54
               (C) STRANDEDNESS: single
55
               (D) TOPOLOGY: linear
56
57
58
          (ii) MOLECULE TYPE: peptide
59
60
          (ix) FEATURE:
               (B) LOCATION: 39
61
               (D) OTHER INFORMATION: amidated Ser (Serineamide)
62
63
         (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:
64
65
    His Ser Asp Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Met Glu Glu
66
67
                                          10
    Glu Ala Val Arg Leu Phe Ile Glu Trp Leu Lys Asn Gly Gly Pro Ser
68
                                                           30
69
                                      25
70
    Ser Gly Ala Pro Pro Pro Ser
71
             35
72
73
     (2) INFORMATION FOR SEQ ID NO:2:
74
75
          (i) SEQUENCE CHARACTERISTICS:
76
               (A) LENGTH: 39 amino acids
77
               (B) TYPE: amino acid
78
79
               (C) STRANDEDNESS: single
               (D) TOPOLOGY: linear
80
81
         (ii) MOLECULE TYPE: peptide
82
83
84
         (ix) FEATURE:
85
               (B) LOCATION: 39
               (D) OTHER INFORMATION: amidated Ser (Serineamide)
86
87
88
         (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:
89
90
    His Gly Glu Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Met Glu Glu
91
                                          10
92
    Glu Ala Val Arg Leu Phe Ile Glu Trp Leu Lys Asn Gly Gly Pro Ser
93
                                      25
                 20
94
    Ser Gly Ala Pro Pro Pro Ser
95
             35
96
97
98
     (2) INFORMATION FOR SEQ ID NO:3:
99
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### RAW SEQUENCE LISTING PATENT APPLICATION US/08/908,867A

DATE: 05/01/1999 TIME: 08:56:57

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(i) SEQUENCE CHARACTERISTICS:
100
                (A) LENGTH: 30 amino acids
101
                (B) TYPE: amino acid
102
103
                (C) STRANDEDNESS: single
104
                (D) TOPOLOGY: linear
105
106
          (ii) MOLECULE TYPE: peptide
107
          (ix) FEATURE:
108
                (B) LOCATION: 30
109
                (D) OTHER INFORMATION: amidated Arg (Arginineamide)
110
111
          (xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:
112
113
     His Ala Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu Gly
114
                                           10
115
     Gln Ala Ala Lys Glu Phe Ile Ala Trp Leu Val Lys Gly Arg
116
117
                  20
                                       25
118
119
120
     (2) INFORMATION FOR SEQ ID NO:4:
121
122
           (i) SEQUENCE CHARACTERISTICS:
                (A) LENGTH: 31 amino acids
123
                (B) TYPE: amino acid
124
                (C) STRANDEDNESS: single
125
                (D) TOPOLOGY: linear
126
127
128
         (ii) MOLECULE TYPE: peptide
129
          (ix) FEATURE:
130
                (B) LOCATION: 31
131
132
                (D) OTHER INFORMATION: amidated Ser (Serineamide)
133
          (xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:
134
135
     Asp Leu Ser Lys Gly Met Glu Glu Ala Val Arg Leu Phe Ile Glu
136
137
                                           10
     Trp Leu Lys Asn Gly Gly Pro Ser Ser Gly Ala Pro Pro Pro Ser
138
139
                  20
                                       25
                                                            30
140
141
     (2) INFORMATION FOR SEQ ID NO:5:
142
143
           (i) SEQUENCE CHARACTERISTICS:
144
145
                (A) LENGTH: 39 amino acids
146
                (B) TYPE: amino acid
147
                (C) STRANDEDNESS: single
148
                (D) TOPOLOGY: linear
149
150
151
          (ii) MOLECULE TYPE: peptide
152
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### RAW SEQUENCE LISTING PATENT APPLICATION US/08/908,867A

DATE: 05/01/1999 TIME: 08:56:57

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153
           (ix) FEATURE:
154
                (B) LOCATION: 39
                (D) OTHER INFORMATION: amidated Ser (Serineamide)
155
156
157
           (xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:
158
     His Gly Glu Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Leu Glu Glu
159
160
     Glu Ala Val Arg Leu Phe Ile Glu Phe Leu Lys Asn Gly Gly Pro Ser
161
162
                  20
                                       25
                                                            30
163
     Ser Gly Ala Pro Pro Pro Ser
              35
164
165
      (2) INFORMATION FOR SEQ ID NO:6:
166
167
           (i) SEQUENCE CHARACTERISTICS:
168
169
                (A) LENGTH: 39 amino acids
170
                (B) TYPE: amino acid
                (C) STRANDEDNESS: single
171
                (D) TOPOLOGY: linear
172
173
         (ii) MOLECULE TYPE: peptide
174
175
176
         (ix) FEATURE:
177
                (B) LOCATION: 39
178
                (D) OTHER INFORMATION: amidated Ser (Serineamide)
179
          (xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:
180
181
     His Gly Glu Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Leu Glu Glu
182
183
                                           10
     Glu Ala Val Arg Leu Phe Ile Glu Trp Leu Lys Asn Gly Gly Pro Ser
184
185
                  20
                                       25
186
     Ser Gly Ala Pro Pro Pro Ser
187
              35
188
189
190
     (2) INFORMATION FOR SEQ ID NO:7:
191
192
           (i) SEQUENCE CHARACTERISTICS:
                (A) LENGTH: 39 amino acids
193
194
                (B) TYPE: amino acid
195
196
                (C) STRANDEDNESS: single
197
                (D) TOPOLOGY: linear
198
199
          (ix) FEATURE:
200
                (B) LOCATION: 39
201
                (D) OTHER INFORMATION: amidated Ser (Serineamide)
202
         (ii) MOLECULE TYPE: peptide
203
204
         (xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:
205
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## RAW SEQUENCE LISTING PATENT APPLICATION US/08/908,867A

DATE: 05/01/1999 TIME: 08:56:57

| 206 |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 207 | His | Gly | Glu | Gly | Thr | Phe | Thr | Ser | Asp | Leu | Ser | Lys | Gln | Met | Glu | Glu |
| 208 | 1   |     |     |     | 5   |     |     |     |     | 10  |     |     |     |     | 15  |     |
| 209 | Glu | Ala | Val | Arg | Leu | Phe | Ile | Glu | Phe | Leu | Lys | Asn | Gly | Gly | Pro | Ser |
| 210 |     |     |     | 20  |     |     |     |     | 25  |     |     |     |     | 30  |     |     |
| 211 | Ser | Gly | Ala | Pro | Pro | Pro | Ser |     |     |     |     |     |     |     |     |     |
| 212 |     |     | 35  |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 213 |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |

# SEQUENCE VERIFICATION REPORT PATENT APPLICATION US/08/908,867A

DATE: 05/01/1999 TIME: 08:56:58

INPUT SET: S31691.raw

Line Error Original Text

32 Wrong Classification (C) CLASSIFICATION: Pending 37 Wrong Classification (C) CLASSIFICATION: Pending